



Focusing on Green Living

For the owners of this property in Bears paw, designing and building a new home gave them the flexibility to ensure that they were taking advantage of all possible sustainable features. This home is built on an insulated concrete foundation and the walls have been extensively sprayed with foam insulation to minimize heat loss.

This home relies on eight geothermal boreholes drilled to 145 feet each to supply a six ton geothermal pump. There are two forced air zones on the main floor that work alongside radiant in-floor heating to maintain the ideal temperatures inside, regardless of the temperature outside. The heat pump also features a dual tank set-up, providing pre-heated domestic hot water, further improving energy efficiency.

The Result

Once the Nordic® liquid-to-water & air heat pump (TF Series) was installed, the need to rely on natural gas or other fossil fuels was eliminated. Since then, this home has been fully reliant on geothermal energy to maintain a consistent temperature. **The average annual cost of heating and air-conditioning for this 4,200 square foot home is \$350/year!**

“The main reason for installing Geothermal was to eliminate the gas bill, and to increase the energy efficiency of our new house. After a year with the system installed and running I am extremely satisfied with the installation. — Mike

This Nordic® liquid-to-air heat pump was installed by Thermal Creek. Find your **local Nordic® dealer** today! Or, **contact Maritime Geothermal Ltd.** for more information.